

















## GEOLOGIC MAP OF THE LEWISTON LAKES QUADRANGLE, FREMONT COUNTY, WYOMING

by  
W. Dan Hausel  
1988

## EXPLANATION

QUATERNARY		ALLUVIUM Recent stream deposits.
		UNCONFORMITY
TERTIARY		SOUTH PASS FORMATION Pliocene, Miocene, and possibly Recent age conglomerates and sediments containing cobbles and boulders of metamorphic and granitic rocks. Fluvial-track age about 27 million years.
		UNCONFORMITY
QUATERNARY		WHITE RIVER FORMATION White to ash-gray blocky tuffaceous siltstone and volcanic glomerate. (31 to 35 million years old).
		UNCONFORMITY
QUATERNARY		PHOSPHORIA FORMATION Cherty limestone with greenish- brown silty shale and bedded chert.
		TENSLEEP SANDSTONE Bedded to cross-bedded fine-grained sandstone.
QUATERNARY		ANSHEN FORMATION Red beds with cherty sandy dolomite, oolitic siltstone, and limestone.
		MADISON LIMESTONE Massive limestone with irregular chert masses and nodules.
QUATERNARY		DISCONTINUITY
		SHOSHONE DOLOMITE Massive dolomite with thin basal sandstone.
QUATERNARY		GALLETIN FORMATION Consists of a lower gray to brown, thick-bedded, silty limestone, a middle thin shale, and an upper medium to thick-bedded, flat- pooled limestone conglomerate with interbedded thin shale.
		GROS VENTRE FORMATION Dark green to red glauconitic shale and silty sandstone over- lain by gray to tan shale with interbedded limestone and an upper limestone.
QUATERNARY		FLATHEAD FORMATION Red cross-bedded conglomeratic sandstone overlain by quartzitic sandstone with thin green shale interbeds.
		FLATHEAD FORMATION

## MAP SYMBOLS

- Shear zone with 35° dip.  
Fault, dotted where concealed, dashed  
where approximately located.  
U = upthrown side,  
D = downthrown side.  
Foliation trends.  
Prospect pit.  
Strike and dip of foliation.  
Strike and dip of bedding.  
Strike and dip of joints.  
Top of beds.

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This map has not been edited for conformity  
with the editorial standards of the Geologi-  
cal Survey of Wyoming.

Mapping of the Phanerozoic rocks in the northeastern corner of the  
quadrangle was modified from, Bell, W.C., 1955, The geology of the  
southeastern flank of the Wind River Mountains, Fremont County, Wyom-  
ing: University of Wyoming Ph.D. thesis, 204 p. The Precambrian  
geology and overlying Tertiary rocks and alluvium were mapped in  
1985 by W. Dan Hausel. This field work was partially financed by U.S.  
Geological Survey COGEMAP grant 14-08-0001-A0226. The views and  
conclusions of this map are those of the author and should not be  
interpreted as necessarily representing official policies, either  
expressed or implied, of the U.S. Government.



Base by U.S. Geological Survey  
PREPARED IN COOPERATION WITH THE U.S. GEOLOGICAL SURVEY

CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION  
Heavy-duty  Light-duty   
Medium-duty  Unimproved dirt   
U.S. Route  State Route 

WYOMING